

		Hydrophobic				Hydrophilic			
		-3	-2	-1	0	1	2	3	
		----- ----- -----				----- ----- -----			
1	0.00				M				
2	0.00				A				
3	-0.43			====	A				
4	-0.58			=====	A				
5	-0.86			=====	W				
6	-1.18			=====	T				
7	-1.46			=====	V				
8	-1.57			=====	V				
9	-1.92			=====	L				
10	-1.92			=====	V				
11	-1.97			=====	t				
12	-2.23			=====	L				
13	-2.28			=====	V				
14	-1.80			=====	L				
15	-1.75			=====	g				
16	-1.58			=====	L				
17	-1.28			=====	A				
18	-0.72			=====	V				
19	-0.67			=====	A				
20	-0.58			=====	G				
21	-0.40			=====	P				
22	-0.27			=====	V				
23	0.23				P	==			
24	0.23				T	==			
25	0.42				S	=====			
26	0.35				K	=====			
27	0.35				P	=====			
28	0.30				T	=====			
29	0.30				T	=====			
30	0.30				T	=====			
31	0.20				G	==			
32	0.18				K	==			
33	-0.05				G				
34	-0.05				C				
35	-0.05				H				

36 -0.47  
 37 0.20  
 38 0.33  
 39 0.33  
 40 0.38  
 41 -0.12  
 42 0.33  
 43 0.33  
 44 -0.02  
 45 0.20  
 46 0.20  
 47 -0.22  
 48 0.25  
 49 0.25  
 50 0.47  
 51 1.05  
 52 1.50  
 53 1.83  
 54 1.03  
 55 1.03  
 56 1.62  
 57 1.17  
 58 0.37  
 59 0.95  
 60 0.95  
 61 0.95  
 62 0.48  
 63 0.27  
 64 0.62  
 65 -0.05  
 66 0.30  
 67 -0.15  
 68 -0.18  
 69 -0.27  
 70 -0.73  
 71 -0.57  
 72 -0.62  
 73 -0.63

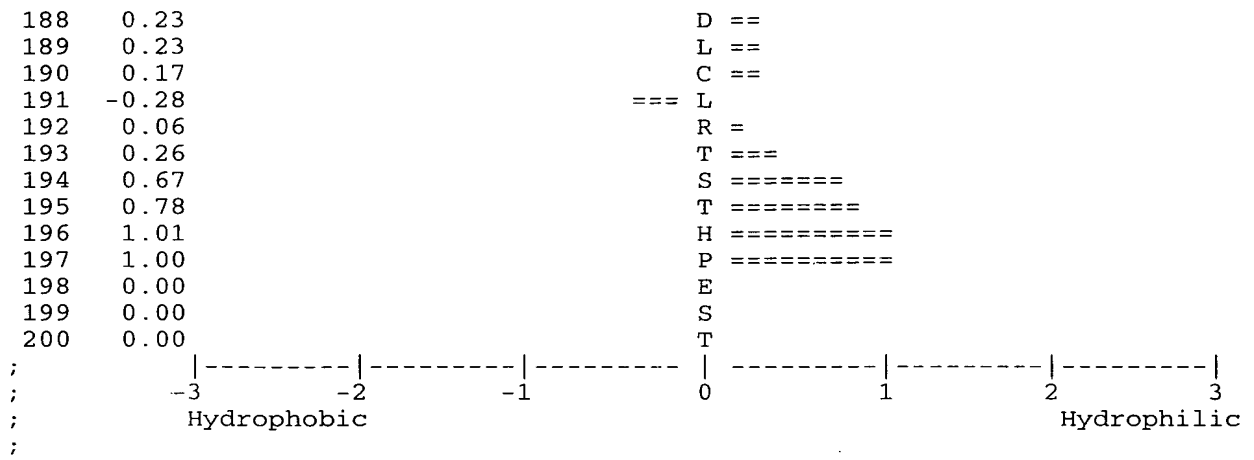
===== I  
           G ==  
           R ===  
           F ===  
           K =====  
       = S  
           L ===  
           S ===  
           P  
           Q ==  
           E ==  
       == L  
           A ===  
           S ===  
           F =====  
           K =====  
           K =====  
           A =====  
           R =====  
           D =====  
           A =====  
           L =====  
           E =====  
           E =====  
           S =====  
           L =====  
           K =====  
           L =====  
           K =====  
       = N  
           W =====  
       == S  
       == C  
       === S  
 ===== S  
 ===== P  
 ===== V  
 ===== F

74 -0.80  
 75 -0.05  
 76 0.07  
 77 0.57  
 78 0.27  
 79 -0.07  
 80 0.13  
 81 -0.62  
 82 0.18  
 83 0.18  
 84 0.98  
 85 1.28  
 86 1.00  
 87 1.17  
 88 0.37  
 89 0.37  
 90 -0.22  
 91 0.28  
 92 0.23  
 93 0.23  
 94 0.23  
 95 -0.33  
 96 -0.55  
 97 -0.55  
 98 -0.50  
 99 -0.72  
 100 0.08  
 101 0.07  
 102 0.28  
 103 -0.30  
 104 -0.05  
 105 0.25  
 106 -0.33  
 107 -0.55  
 108 0.03  
 109 0.62  
 110 0.37  
 111 0.07

===== P  
 = G  
 N =  
 w =====  
 D ===  
 = L  
 R =  
 ===== L  
 L ==  
 Q ==  
 V =====  
 R =====  
 E =====  
 R =====  
 P =====  
 V =====  
 == A  
 L ===  
 E ==  
 A ==  
 E ==  
 === L  
 ===== A  
 ===== L  
 ===== T  
 ===== L  
 K =  
 V =  
 L ===  
 === E  
 A  
 A ===  
 === A  
 ===== G  
 P  
 A =====  
 L =====  
 E =

112	0.65		D =====
113	0.98		V =====
114	0.48		L =====
115	-0.32	===	D
116	-0.15	=	Q
117	0.08		P =
118	-0.72	=====	L
119	-0.83	=====	H
120	-0.92	=====	T
121	-0.92	=====	L
122	-1.13	=====	H
123	-1.02	=====	H
124	-0.68	=====	I
125	-0.90	=====	L
126	-0.78	=====	S
127	-0.57	=====	Q
128	-0.43	=====	L
129	-0.78	=====	Q
130	-0.78	=====	A
131	-0.48	=====	C
132	-0.48	=====	I
133	-0.40	=====	Q
134	-0.30	=====	P
135	-0.08	=	Q
136	-0.12	=	P
137	-0.12	=	T
138	0.35		A =====
139	0.35		G =====
140	0.92		P =====
141	1.00		R =====
142	1.50		P =====
143	1.20		R =====
144	0.62		G =====
145	0.53		R =====
146	-0.53	=====	L
147	-0.83	=====	H
148	-1.42	=====	H
149	-0.62	=====	W

150	-0.83	=====	L
151	-0.72	=====	H
152	0.35		R =====
153	0.57		L =====
154	0.65		Q =====
155	0.65		E =====
156	1.45		A =====
157	1.92		P =====
158	1.47		K =====
159	1.47		K =====
160	0.90		E =====
161	0.23		S ==
162	-0.57	=====	A
163	-0.57	=====	g
164	-0.70	=====	C
165	-0.57	=====	L
166	-0.25	=====	E
167	-0.15	=====	A
168	-0.27	=====	S
169	-0.73	=====	V
170	-0.95	=====	T
171	-1.42	=====	F
172	-0.67	=====	N
173	-0.90	=====	L
174	-0.78	=====	F
175	-0.88	=====	R
176	-0.08	=====	L
177	0.83		L =====
178	0.03		T
179	0.83		R =====
180	0.75		D =====
181	0.57		L =====
182	-0.02		K
183	-0.02		Y
184	0.28		V =====
185	0.28		A =====
186	0.37		D =====
187	0.45		G =====

**FIGURE**